



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bani-Hashemi Art Unit: Not yet assigned
Serial No.: 09/818,427 Examiner: Not yet assigned
Filed: March 27, 2001 Atty Dkt No: 2001P05443US
For: AUGMENTED AND VIRTUAL REALITY GUIDED INSTRUMENT
POSITIONING USING ALONG-THE-LINE-OF SIGHT ALIGNMENT

LETTER TO OFFICIAL DRAFTSMAN


Attention: Drawing Processing Branch
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please find enclosed (23) twenty-three sheets of substitute drawings in compliance with the requirements set forth in the notice.

Respectfully submitted,

Date August 21, 2001

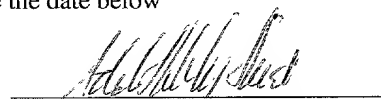

Adel A. Ahmed
Reg. No. 29,606

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Iselin, NJ 08830
(732) 321-3013

CERTIFICATE OF MAILING PURSUANT TO 37 CFR § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents Washington, D.C. 20231 on or before the date below

Date of
Signature Aug. 21, 2001


Adel A. Ahmed, Reg. No. 29,606

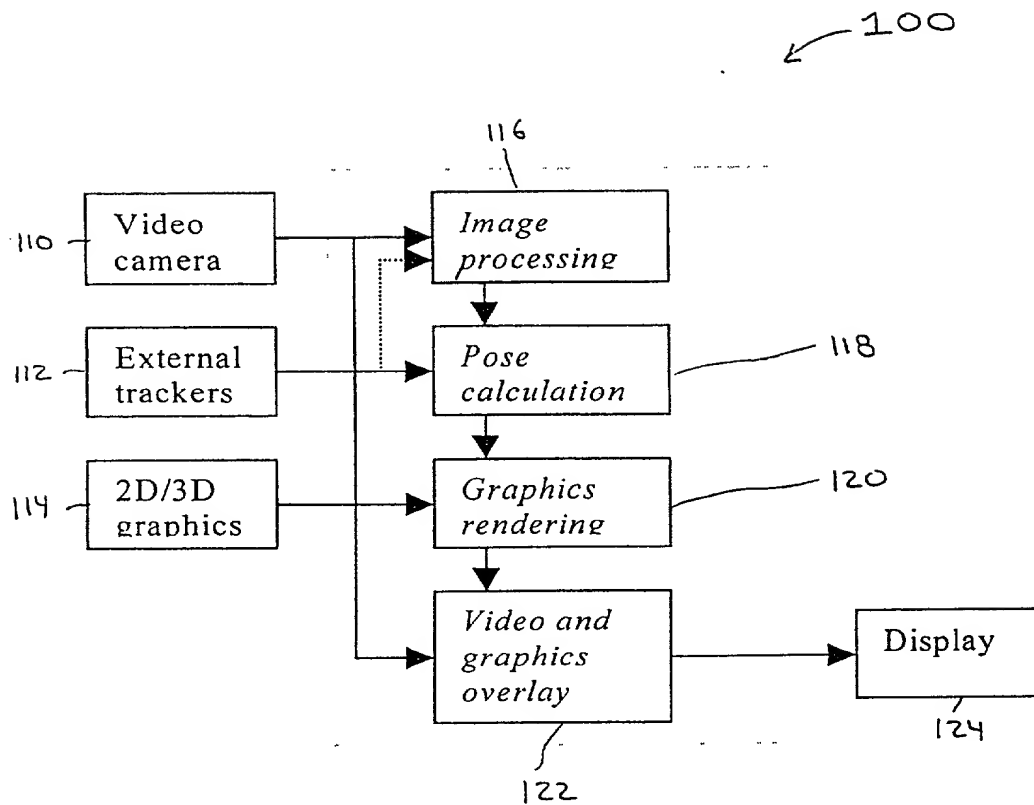


FIG. 1

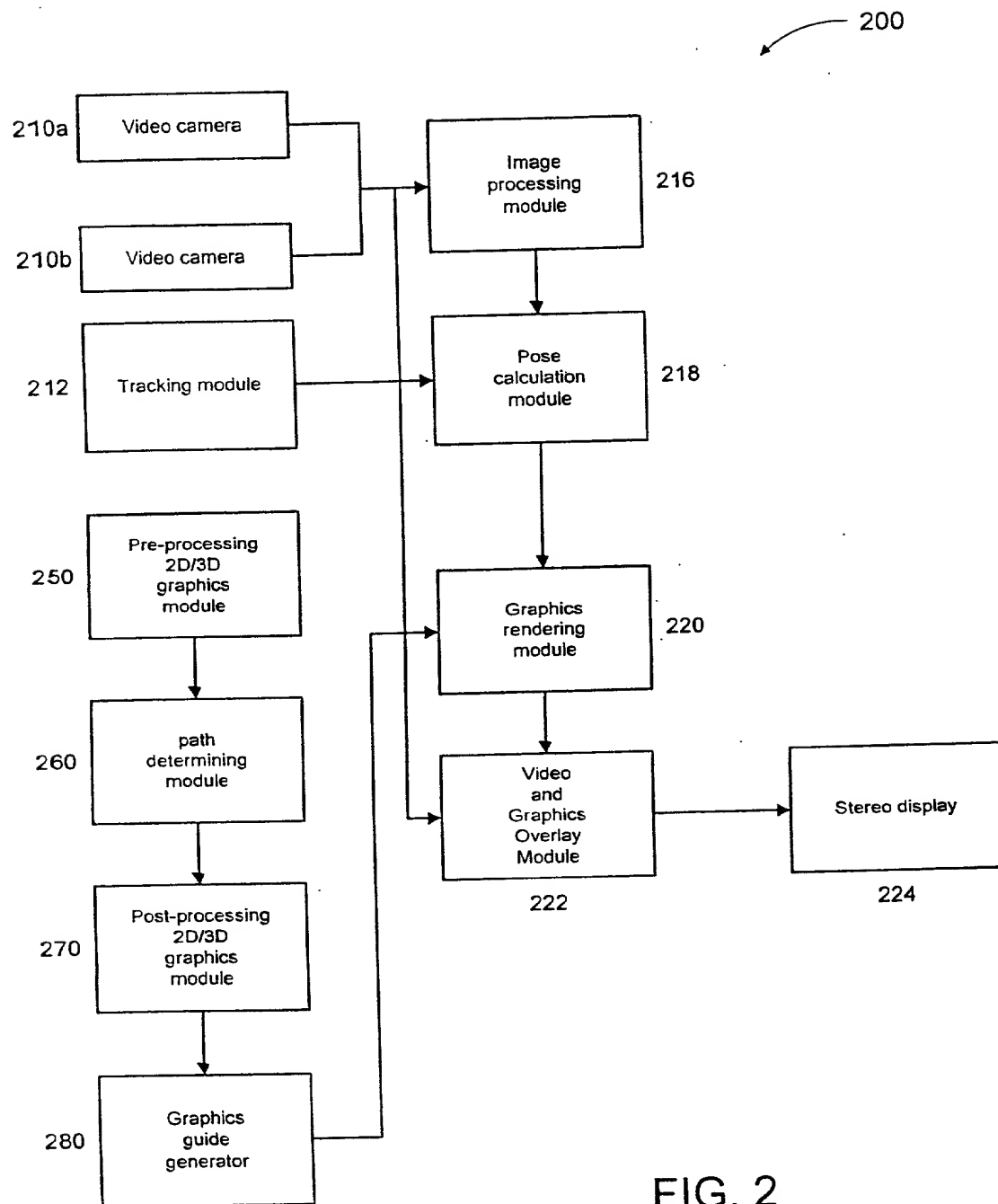


FIG. 2

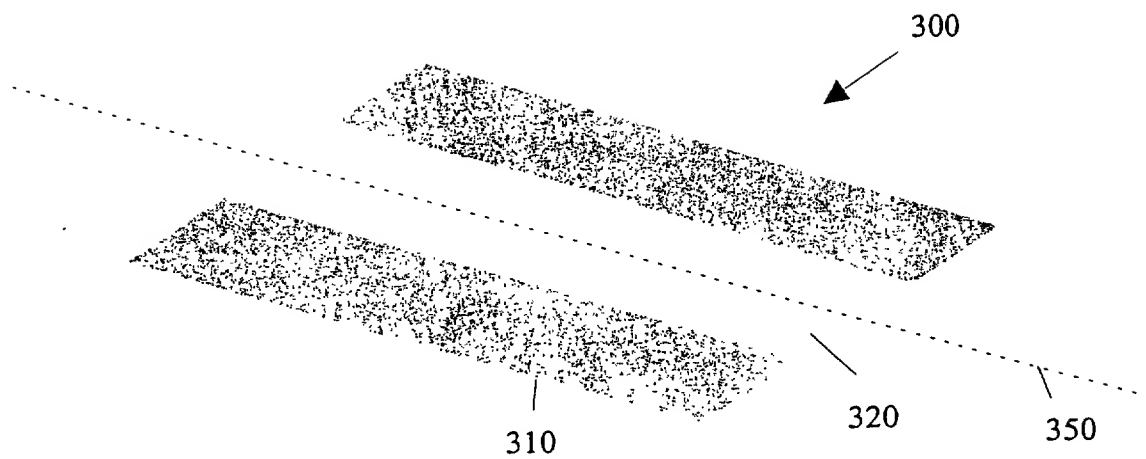


FIG. 3

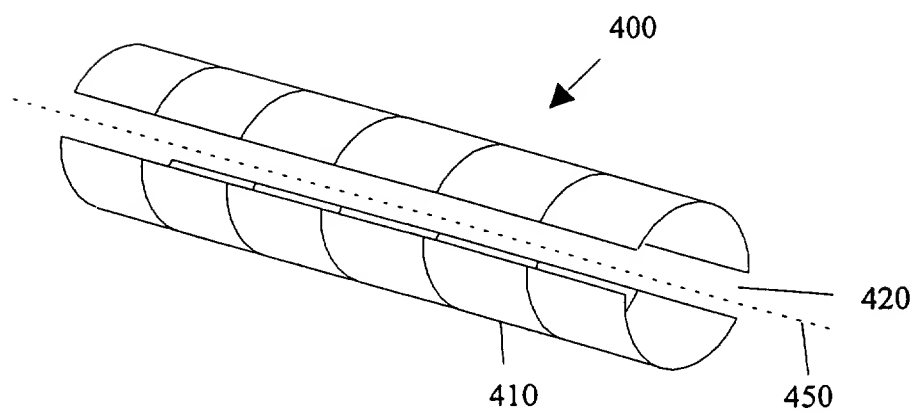


FIG. 4

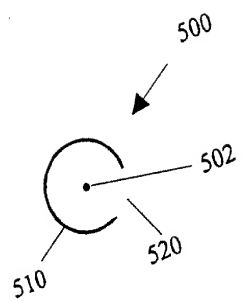


FIG. 5

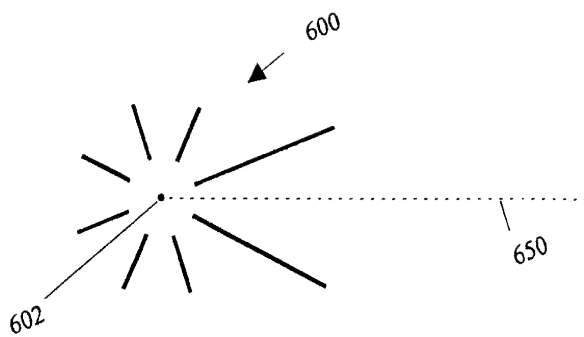
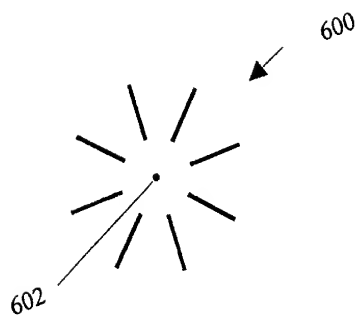


FIG. 6

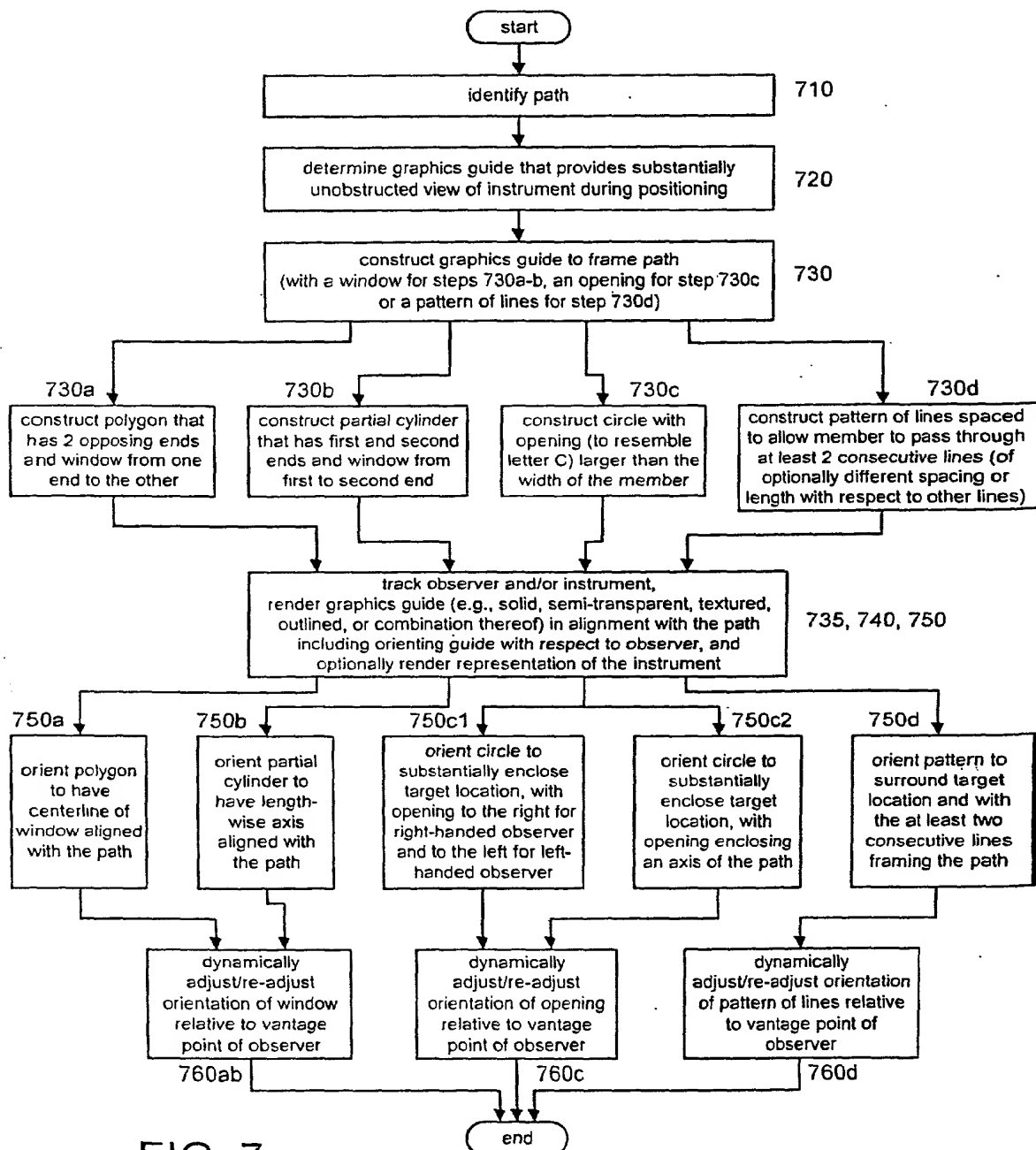


FIG. 7

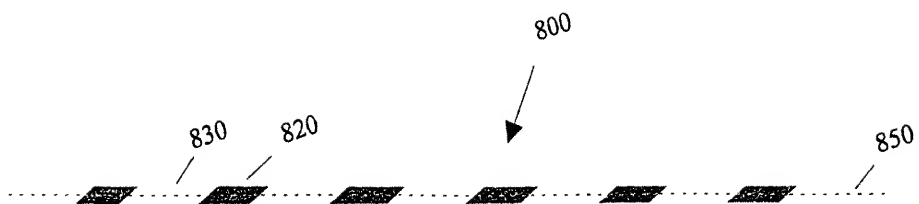


FIG. 8

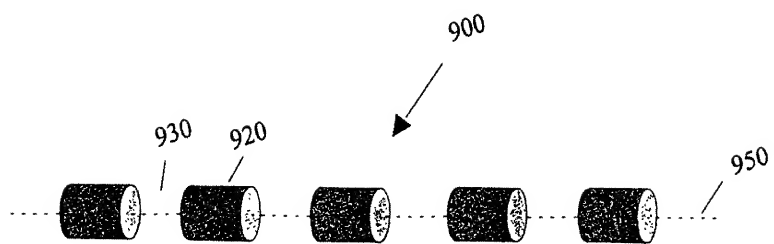


FIG. 9

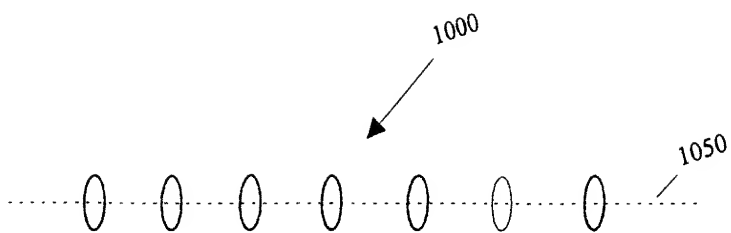


FIG. 10

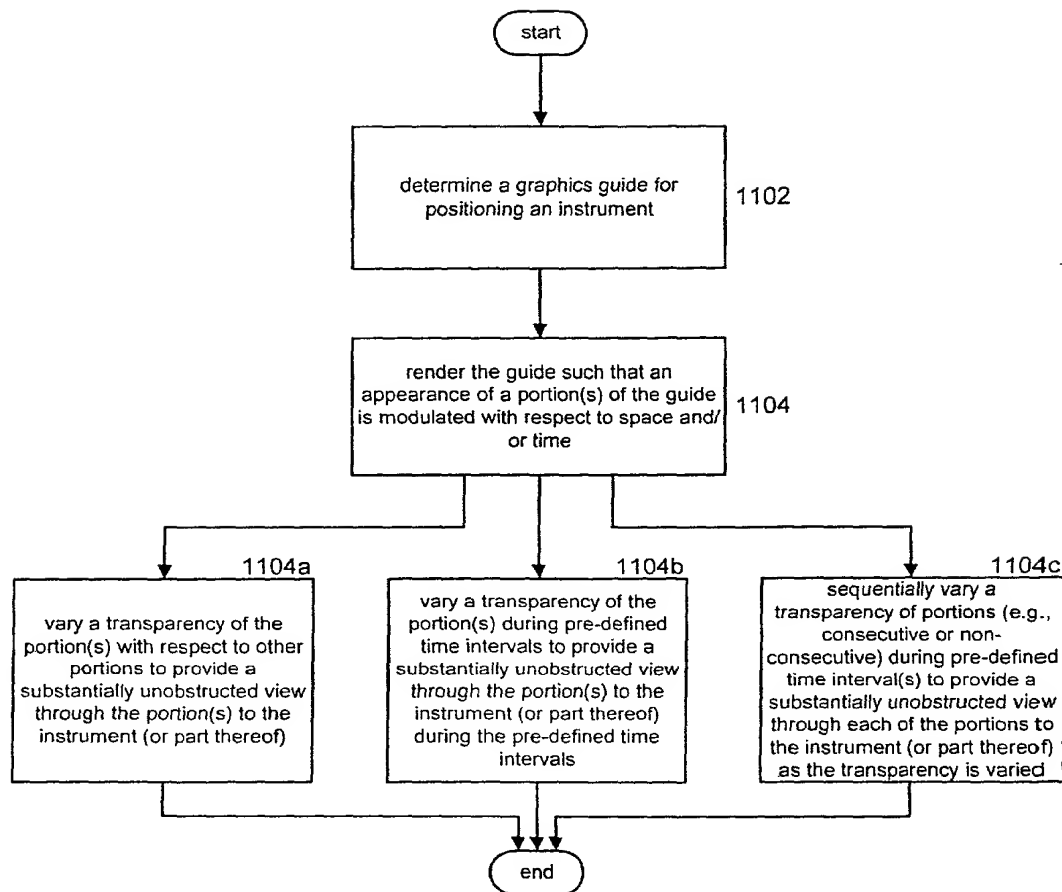


FIG. 11A

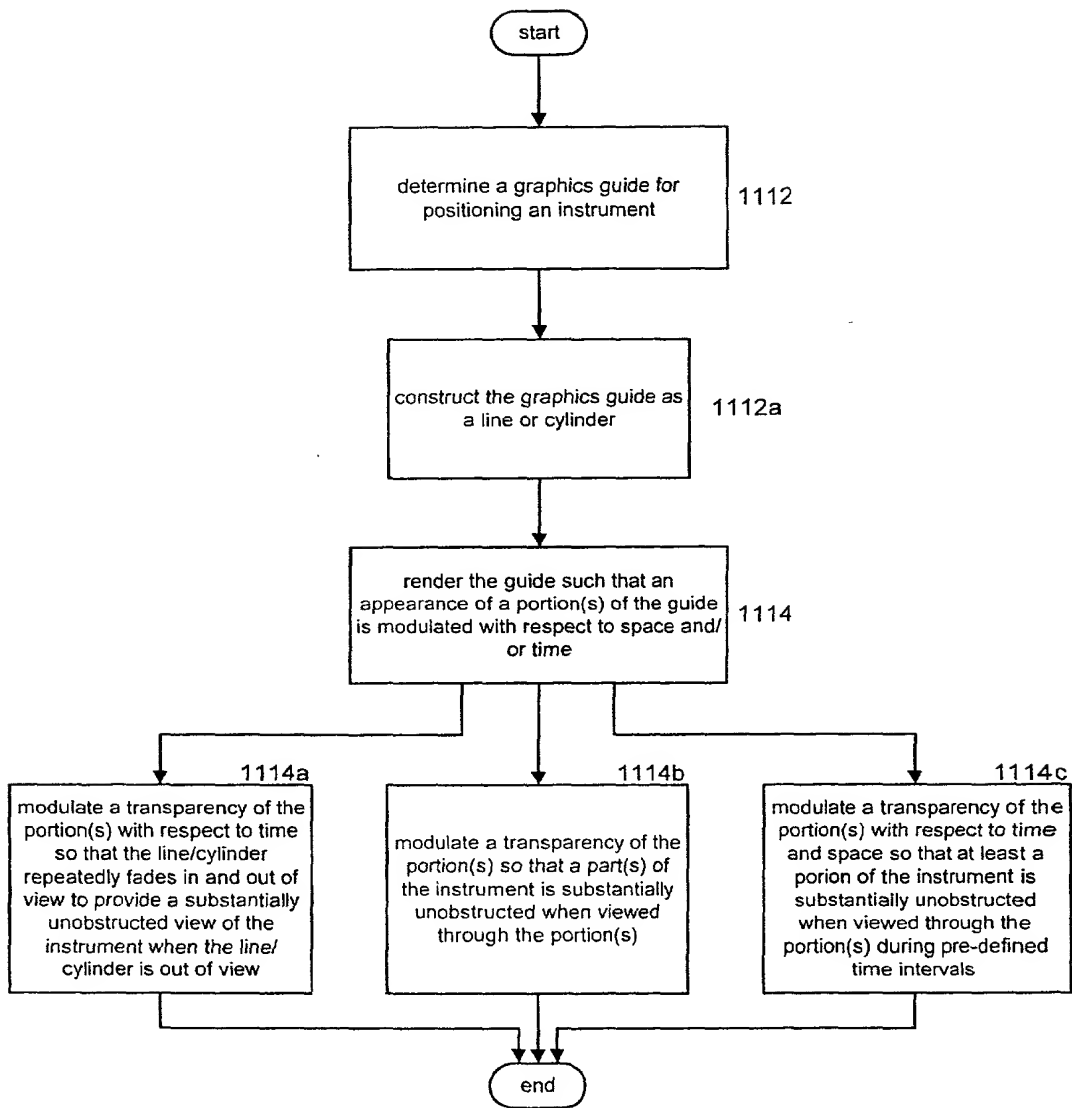


FIG. 11B

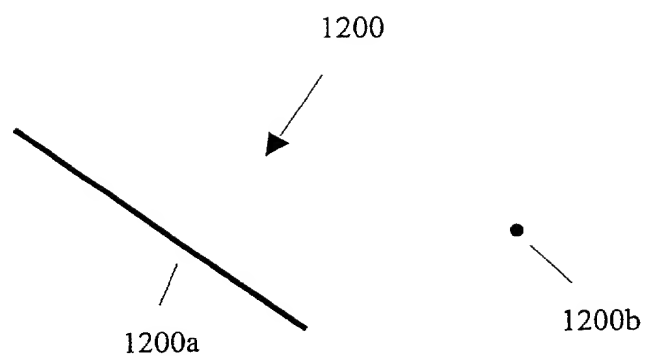


FIG. 12

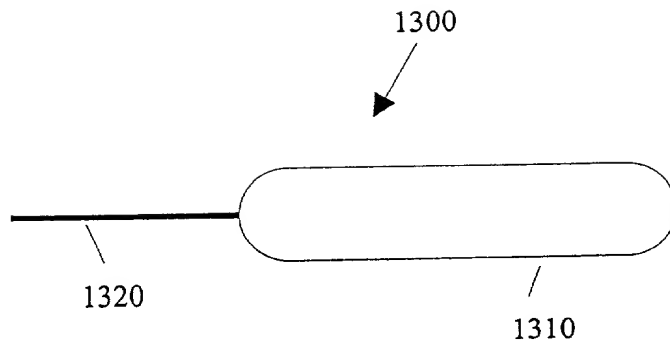


FIG. 13

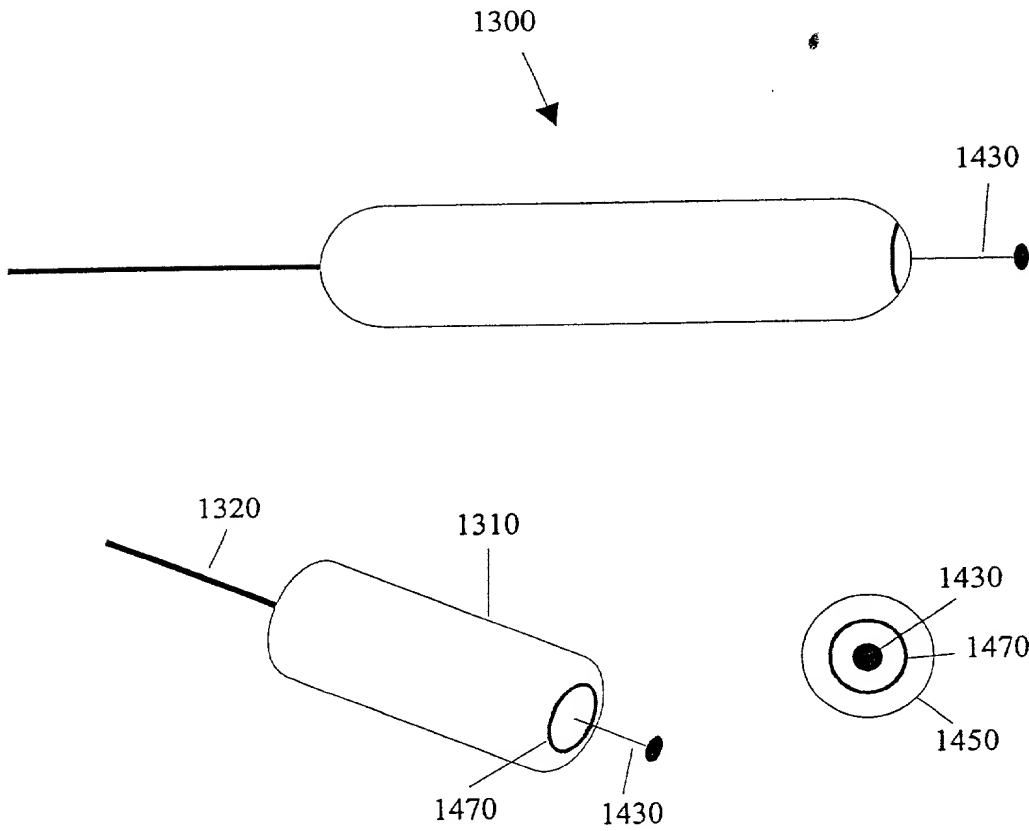


FIG. 14

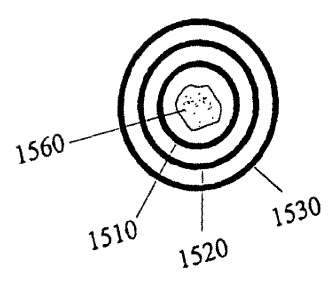
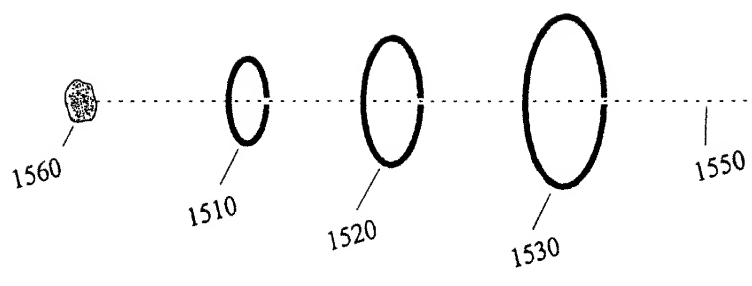


FIG. 15

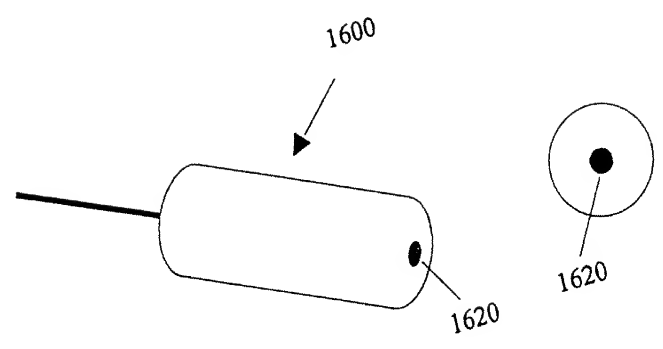


FIG. 16

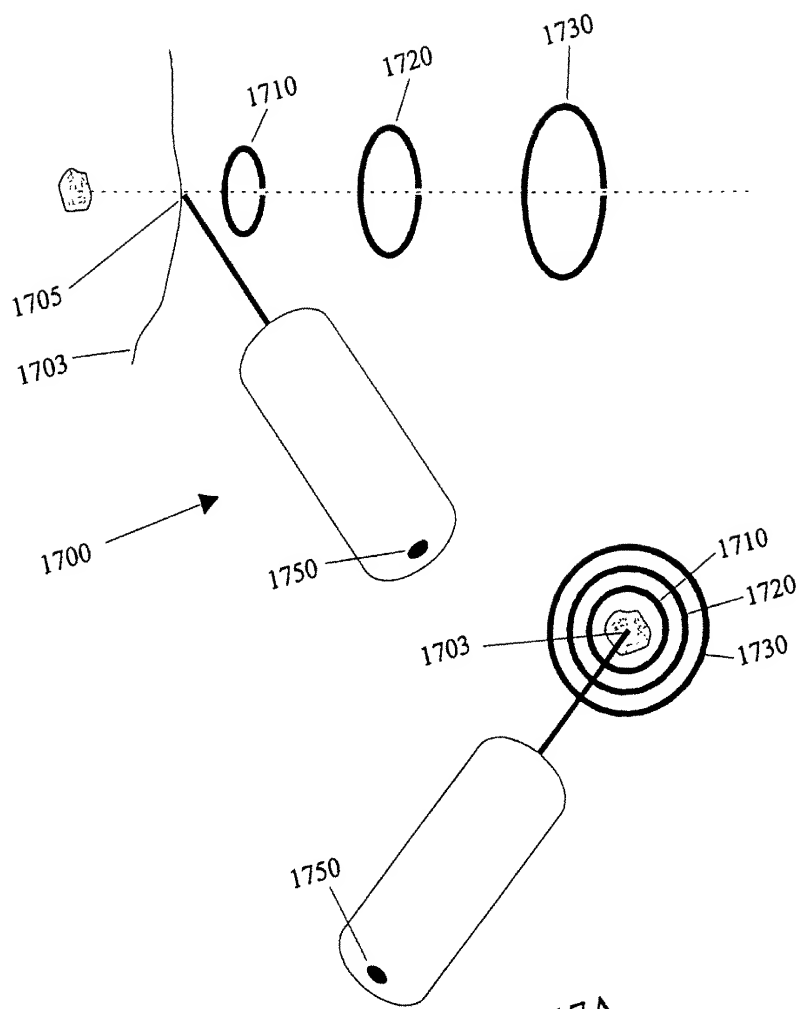


FIG. 17A

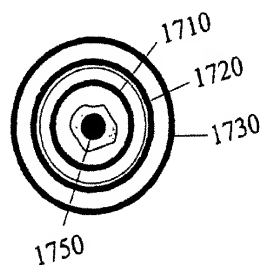


FIG. 17B

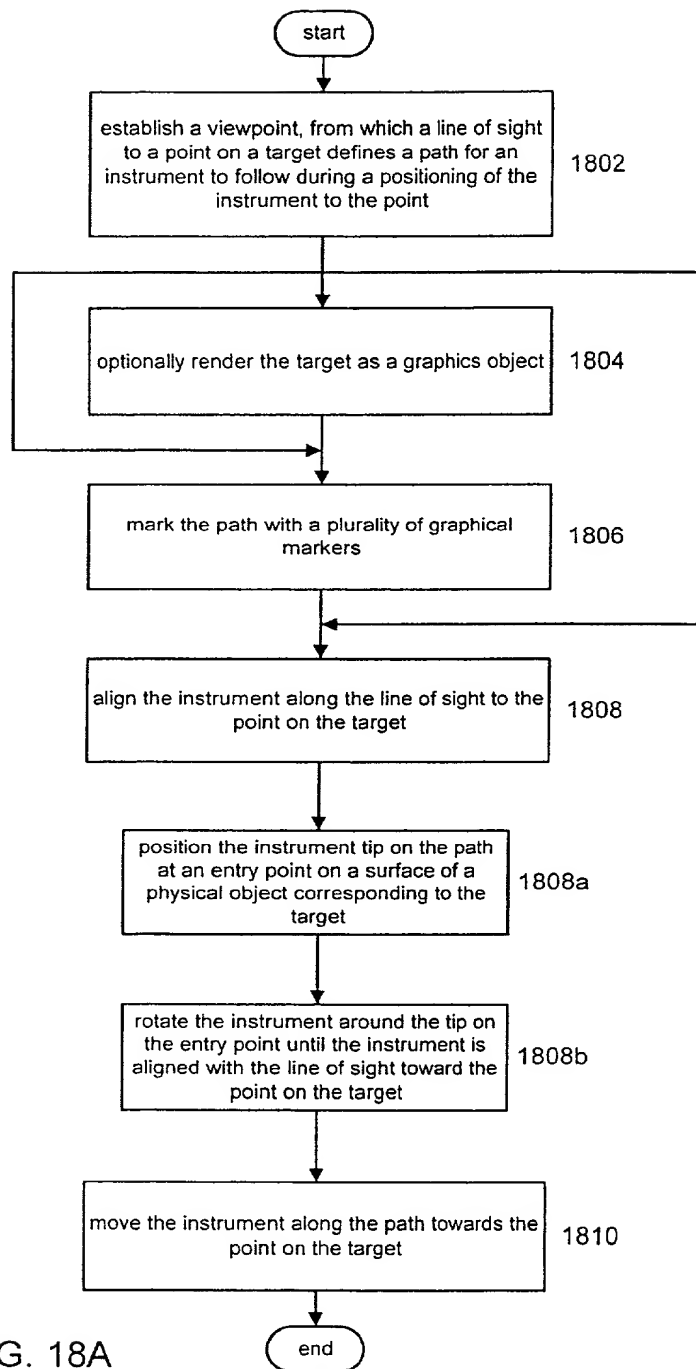


FIG. 18A

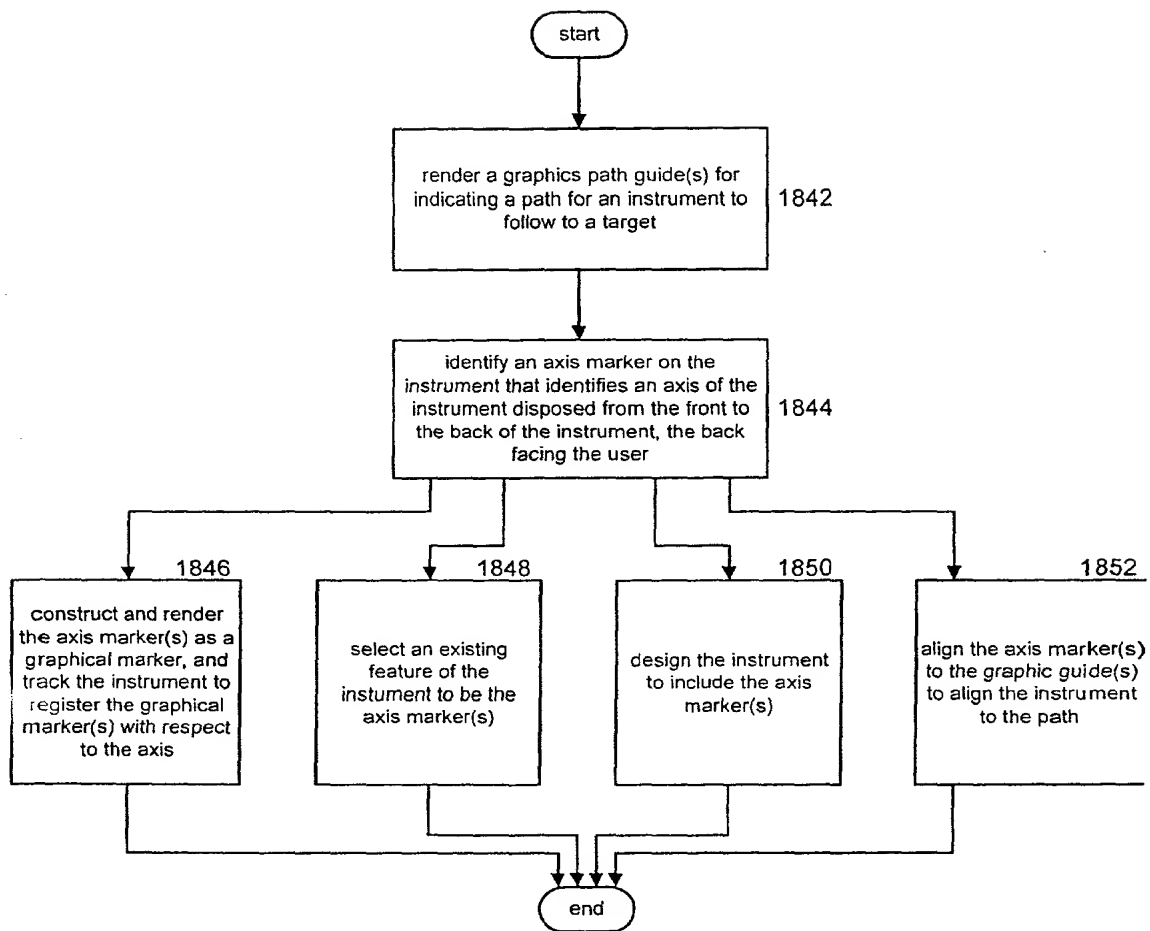


FIG. 18B

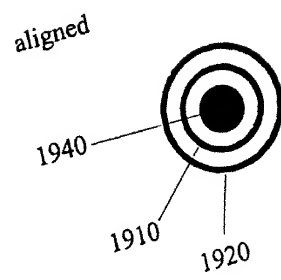
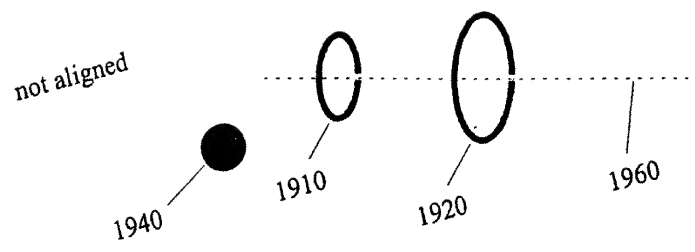
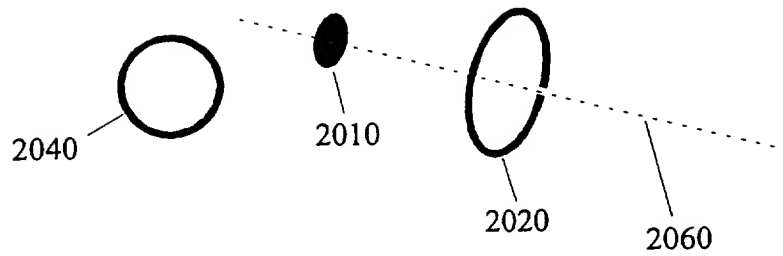


FIG. 19

not aligned



aligned

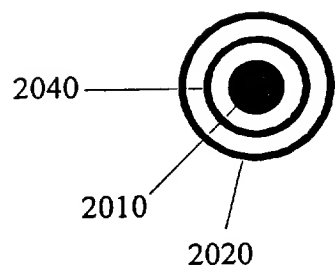
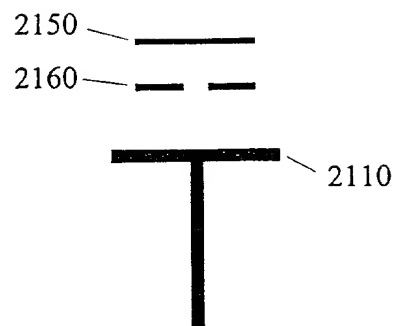
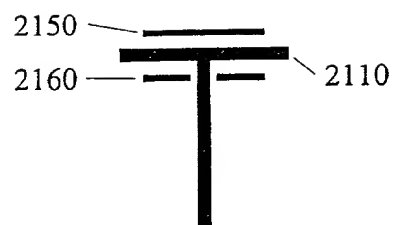


FIG. 20

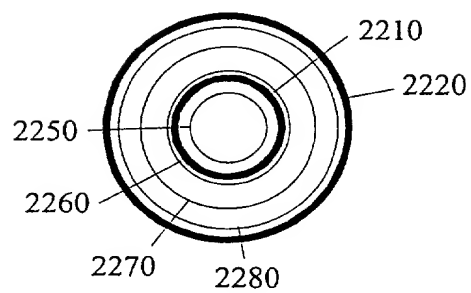
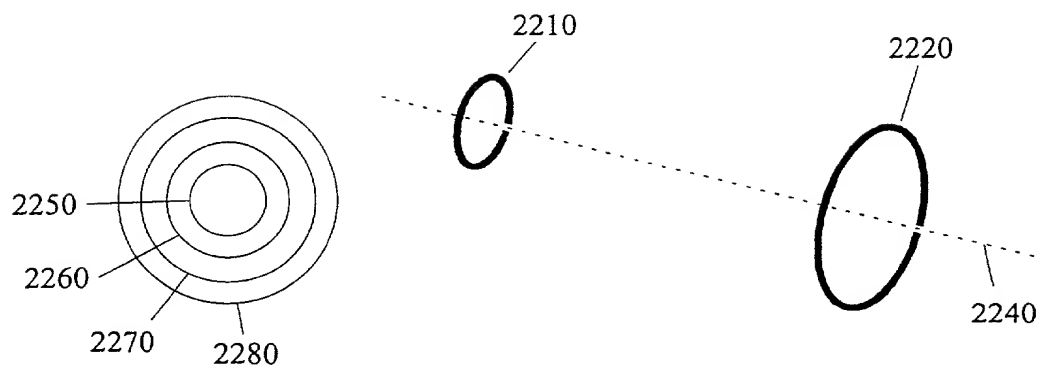


target depth not yet reached

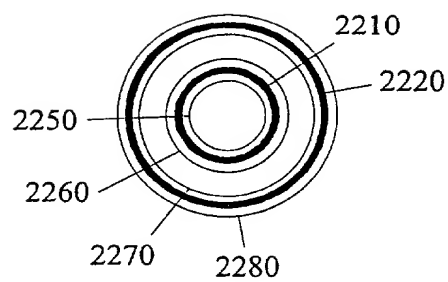


taget depth reached

FIG. 21

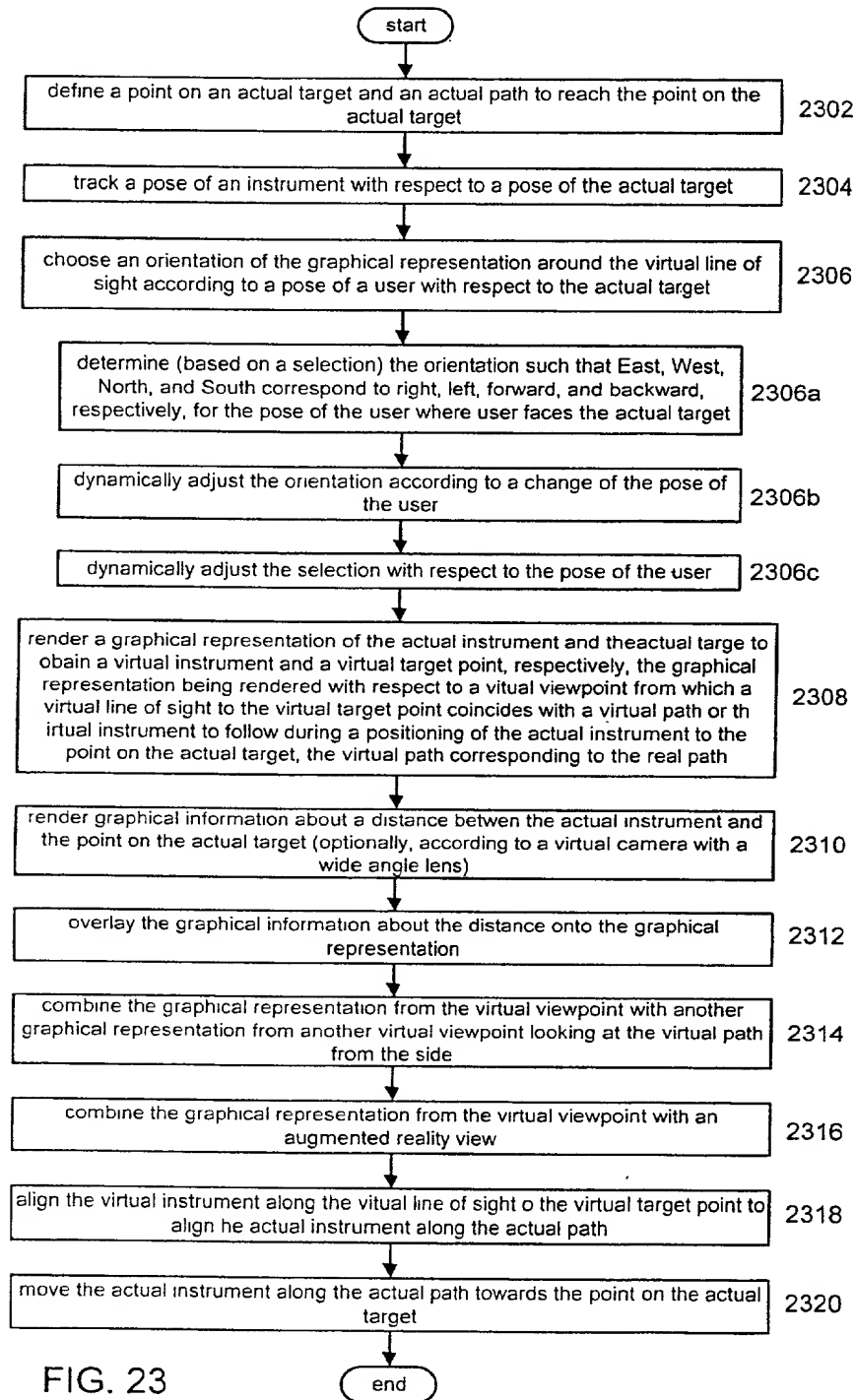


aligned with path,
but not at correct depth



aligned with path,
and at correct depth

FIG. 22



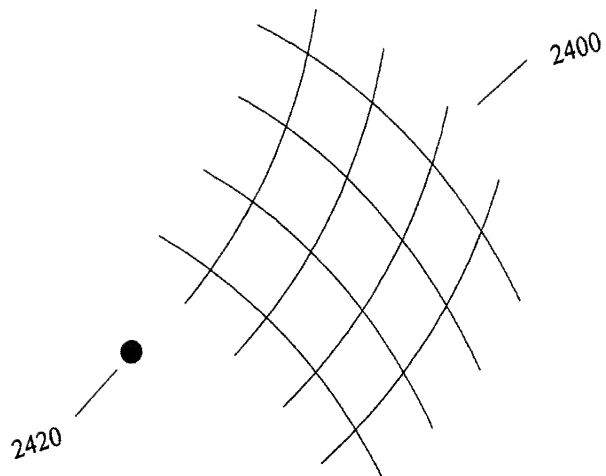


FIG. 24

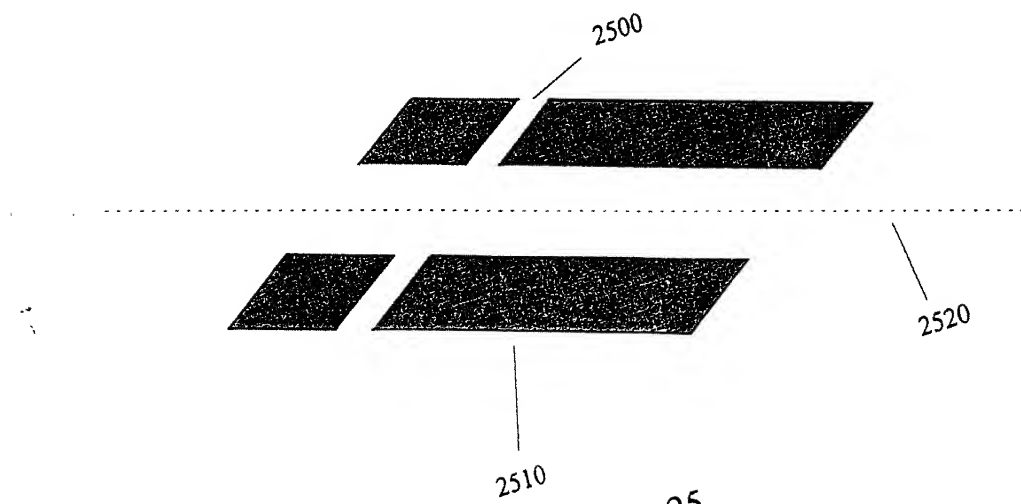


FIG. 25

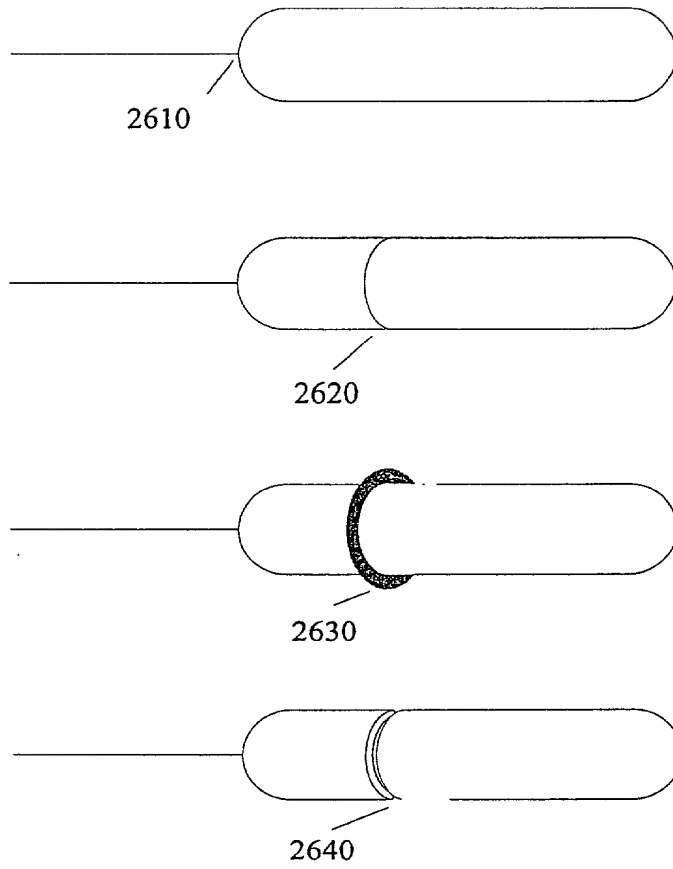


FIG. 26

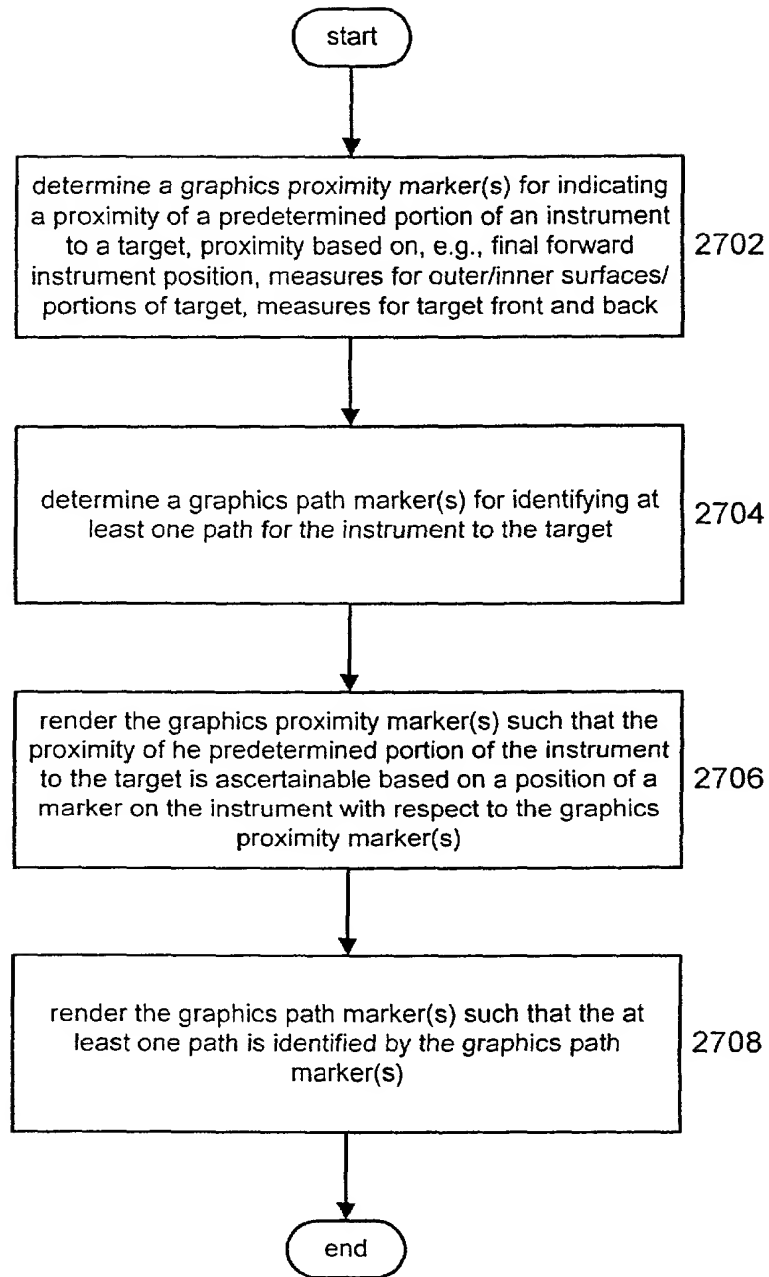


FIG. 27